

Title (en)  
GENE THERAPY

Title (de)  
GENTHERAPIE

Title (fr)  
THÉRAPIE GÉNIQUE

Publication  
**EP 3612237 B1 20210901 (EN)**

Application  
**EP 18719544 A 20180420**

Priority  
• GB 201706394 A 20170421  
• EP 2018060237 W 20180420

Abstract (en)  
[origin: WO2018193118A1] Use of cyclosporin H (CsH) or a derivative thereof for increasing the efficiency of transduction of an isolated population of cells by a viral vector and/or increasing the efficiency of gene editing of an isolated population of cells when transduced by a viral vector.

IPC 8 full level  
**A61K 48/00** (2006.01); **A61K 35/28** (2015.01); **C07K 7/64** (2006.01); **C12N 5/0789** (2010.01); **C12N 15/69** (2006.01); **C12N 15/86** (2006.01)

CPC (source: EP US)  
**A61K 35/28** (2013.01 - EP); **A61K 48/0008** (2013.01 - EP US); **A61K 48/0083** (2013.01 - EP); **C07K 7/645** (2013.01 - EP US);  
**C12N 5/0647** (2013.01 - EP US); **C12N 15/69** (2013.01 - EP US); **C12N 15/86** (2013.01 - EP US); **C12N 2510/00** (2013.01 - EP);  
**C12N 2740/13043** (2013.01 - EP); **C12N 2740/15043** (2013.01 - EP US); **C12N 2810/6054** (2013.01 - EP); **C12N 2810/6081** (2013.01 - EP)

Cited by  
WO2023077107A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018193118 A1 20181025**; AU 2018253958 A1 20191121; AU 2018253958 B2 20240307; CA 3060128 A1 20181025;  
CN 110769860 A 20200207; CN 110769860 B 20240308; DK 3612237 T3 20211206; EP 3612237 A1 20200226; EP 3612237 B1 20210901;  
EP 3973996 A1 20220330; ES 2900560 T3 20220317; GB 201706394 D0 20170607; HR P20211803 T1 20220304; HU E056570 T2 20220228;  
JP 2020517253 A 20200618; JP 2024045128 A 20240402; JP 7443063 B2 20240305; LT 3612237 T 20220125; PL 3612237 T3 20220214;  
PT 3612237 T 20211202; RS 62619 B1 20211231; SI 3612237 T1 20220228; US 11964027 B2 20240423; US 2021121579 A1 20210429

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**EP 2018060237 W 20180420**; AU 2018253958 A 20180420; CA 3060128 A 20180420; CN 201880038804 A 20180420;  
DK 18719544 T 20180420; EP 18719544 A 20180420; EP 21194123 A 20180420; ES 18719544 T 20180420; GB 201706394 A 20170421;  
HR P20211803 T 20180420; HU E18719544 A 20180420; JP 2019556865 A 20180420; JP 2023219262 A 20231226; LT 18060237 T 20180420;  
PL 18719544 T 20180420; PT 18719544 T 20180420; RS P20211471 A 20180420; SI 201830485 T 20180420; US 201816606633 A 20180420